

The BC160 is a 19" 1RU chassis for Bluebell BC Series cards. Any of the standard cards can be fitted and mixed within each frame. The BC160 can hold up to 6 single slot cards. Redundant power supplies are supplied as standard.

Some BC Series processing cards have dual functionality allowing up to 12 channels of video to be transmitted or received from a single 1RU frame, while retaining loop through inputs and dual outputs per channel.

Signal and card monitoring is achieved through SNMP monitoring in the BM101 network card.

Alternatively GP-Output alarms can be triggered via the BM100 module.

The BC160P is the same physical footprint but without any signal monitoring or power supplies, it is specifically intended to house passive optical modules including splitters, WDM and CWDM devices.



Front panel without BM102



### Key Features

- Compact Design
- High Packing Density
- Low Power Consumption
- Dual Power Supplies
- Alarms via GPI or SNMP
- Use BC160P with active frames for ultra compact optical multiplexing and distribution



### General frame specifications

Depth	150 mm (excluding connectors)
Width	445 mm
Height	44.5 mm (1RU)
Weight	4.5 kg when fully loaded
Operating Temp	-30 to +70 °C
Voltage Range	90 to 260 V ac 50/60 Hz
Power	18 W when fully loaded
Signal detect	Contact closure for psu failure
No of slots	6

### Conformance

EMI/RFI	Complies with 89/336/EEC
Electrical	Complies with EN 61000-6-1, EN61000-6-2
RoHS	Complies with Directive 2002/95/EC
Warranty	5 years



### Network Monitoring

The BM102 network card monitors the status of signals and power supplies within the frame.

The Ethernet port allows a third party SNMP management system to receive signal and power supply failure alarms.

The card is fitted to the front of the BC160 frame.

### Ordering information

#### Universal Chassis and Power Supplies

BC160	19" 1RU Chassis for up to 6 BCxxx Cards with optional Network Monitoring and Supplied with Dual Redundant Power Supplies.
BM102	Network Monitoring Card with Ethernet connection
BC160P	19" 1RU Chassis for up to 6 Passive BCxxx Cards. No psu or monitoring capability.